

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 7

## Complete if Known

Application Number	10/668,702
Filing Date	September 19, 2003
First Named Inventor	Ramanujan Velmild
Group Art Unit	2621
Examiner Name	Dastouri, Mehrdad
Attorney Docket Number	17440US02

## U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
M/S	A1	4,020,332	04-28-1977	Crochiere et al.	
	A2	4,367,466	01-04-1983	Takada et al.	
	A3	4,532,547	07-30-1983	Bennett	
	A4	4,679,040	07-07-1987	Yen	
	A5	4,688,033	08-18-1987	Carini et al.	
	A6	4,954,970	09-04-1990	Walker et al.	
	A7	4,959,718	09-25-1990	Bennett	
	A8	4,987,382	10-30-1990	Werner et al.	
	A9	5,043,714	08-27-1991	Pertman	
	A10	5,097,257	03-17-1992	Clough et al.	
	A11	5,142,273	08-25-1992	Wobersm	
	A12	5,153,816	10-13-1992	Kohn	
	A13	5,259,747	11-02-1993	Oda et al.	
	A14	5,262,654	11-16-1993	Nj	
	A15	5,307,177	04-28-1994	Shibata et al.	
	A16	5,384,912	01-24-1995	Orrinc et al.	
	A17	5,398,567	03-07-1995	Jass	
	A18	5,398,211	03-14-1995	Willor et al.	
	A19	5,404,447	04-04-1995	Drzko et al.	
	A20	5,418,535	05-23-1995	Masuzoe et al.	
	A21	5,432,900	07-11-1995	Rhodes et al.	
	A22	5,434,683	07-18-1995	Seldne et al.	
	A23	5,434,957	07-18-1995	Motter	
	A24	5,467,144	11-14-1995	Geeser et al.	
	A25	5,471,411	11-28-1995	Adams et al.	
	A26	5,515,077	05-07-1996	Tateyama	
	A27	5,526,054	08-11-1996	Greenfield et al.	
	A28	5,533,182	07-02-1996	Bates et al.	
	A29	5,548,103	08-13-1996	Rhodes et al.	
	A30	5,550,594	08-27-1996	Cooper et al.	
	A31	5,570,296	10-26-1996	Heyl et al.	
	A32	5,577,187	11-18-1996	Morland	
	A33	5,600,364	02-04-1997	Hendricks et al.	
	A34	5,604,514	02-18-1997	Hancock	
	A35	5,614,652	03-25-1997	Boyce et al.	
	A36	5,615,376	03-25-1997	Ranganathan	
M/S	A37	5,619,337	04-08-1997	Naimovsky	

EXAMINER SIGNATURE	DATE CONSIDERED
	4/4/07

\*EXAMINER: (initial) if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 1.22 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the request of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(If you need assistance in completing the form, call 1-800-PTO-6199 (1-800-726-9199) and select option 2.

Rev. Sept. 03

J:\OPEN\pfr\Broadcom (1772)\Qualcomm\Litigation Statement & IDS Project\San Diego IV Litigation Statement & IDS\IDS & Litigation Statements\Fee\17440US02\17440US02 PTO/SB08A

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

Of

7

## Complete if Known

Application Number	10/868,702
Filing Date	September 19, 2003
First Named Inventor	Ramanujan Vairakudi
Group Art Unit	2621
Examiner Name	Dastouri, Mehrdad
Attorney Docket Number	17440US02

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WJS	A38	5,621,869	04-15-1997	Drewe	
	A39	5,621,908	04-15-1997	O'Neill et al.	
	A40	5,625,811	04-29-1997	Yokota et al.	
	A41	5,625,764	04-29-1997	Tsuimoto et al.	
	A42	5,635,985	08-03-1997	Boyce et al.	
	A43	5,638,501	06-10-1997	Gough et al.	
	A44	5,640,543	06-17-1997	Farrell et al.	
	A45	5,684,182	08-02-1997	Dye	
	A46	5,694,143	12-02-1997	Felder et al.	
	A47	5,698,527	12-09-1997	King et al.	
	A48	5,708,478	01-06-1998	Dye	
	A49	5,708,784	01-13-1998	Bornel et al.	
	A50	5,719,593	02-17-1998	De Lange	
	A51	5,727,084	03-10-1998	Pan et al.	
	A52	5,742,779	04-21-1998	Steele et al.	
	A53	5,745,095	04-28-1998	Parcham et al.	
	A54	5,748,883	05-05-1998	Gulick et al.	
	A55	5,751,879	05-12-1998	McCrory	
	A56	5,764,185	05-19-1998	Hsiao et al.	
	A57	5,767,377	05-26-1998	Bel-Loh Lee et al.	
	A58	5,768,177	06-26-1998	Gulick et al.	
	A59	5,781,516	06-02-1998	Rostoker et al.	
	A60	5,784,238	06-09-1998	Lum et al.	
	A61	5,790,136	08-04-1998	Hoffert et al.	
	A62	5,790,766	08-04-1998	Hough	
	A63	5,790,842	08-04-1998	Charles et al.	
	A64	5,793,446	08-11-1998	Lum et al.	
	A65	5,815,137	09-29-1998	Weatherford et al.	
	A66	5,828,383	10-27-1998	Mey et al.	
	A67	5,831,615	11-03-1998	Drewe et al.	
	A68	5,844,608	12-01-1998	Yu et al.	
	A69	5,864,345	01-26-1999	Wickstrom et al.	
	A70	5,867,168	02-02-1999	Myrvold et al.	
	A71	5,870,622	02-09-1999	Gulick et al.	
	A72	5,874,967	02-23-1999	West et al.	
	A73	5,894,300	04-13-1999	Takizawa	
	A74	5,914,726	06-22-1999	Yamagishi et al.	
	A75	5,920,572	07-06-1999	Washington et al.	
	A76	5,920,682	07-06-1999	Shu et al.	
	A77	5,923,316	07-13-1999	Kikamura et al.	
WJS	A78	5,923,385	07-13-1999	Mills et al.	
	A79	5,926,847	07-20-1999	Adams et al.	

EXAMINER

DATE CONSIDERED

4/4/07

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the origin of the Japanese must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

Rev. Sept. 06

\\OPEN\pba\Broadcom\1772\Qualcomm\Litigation Statement & IDS Project\San Diego IV Litigation Statement & IDS\USDS & Litigation  
Statement\Final\17440US02\17440US02 PTO/SB/08A

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

## Complete if Known

Application Number	10/666,702
Filing Date	September 19, 2003
First Named Inventor	Ramanujan Valmiki
Group Art Unit	2621
Examiner Name	Dastouri, Mehrdad
Attorney Docket Number	17440US02

Sheet 3 of 7

## U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MS	A80	5,940,089	08-17-1999	Dillipane et al.	
	A81	5,941,968	08-24-1999	Mengard et al.	
	A82	5,949,432	09-07-1999	Gough et al.	
	A83	5,949,439	09-07-1999	Ben-Yoseph et al.	
	A84	5,951,644	09-14-1999	Lambrecht et al.	
	A85	5,958,041	08-21-1999	Koyamada et al.	
	A86	5,959,626	08-28-1999	Garrison et al.	
	A87	5,959,637	09-28-1999	Mills et al.	
	A88	5,960,484	08-28-1999	Lam	
	A89	5,963,201	10-06-1999	McGregor et al.	
	A90	5,963,262	10-06-1999	Ke et al.	
	A91	5,977,633	11-02-1999	Wicher et al.	
	A92	5,978,609	11-02-1999	Nachtergaele et al.	
	A93	5,982,381	11-09-1999	Joshi et al.	
	A94	5,982,459	11-09-1999	Findoranto et al.	
	A95	5,987,555	11-16-1999	Abzen et al.	
	A96	6,002,411	12-14-1999	Dye	
	A97	6,002,682	12-14-1999	Gerde	
	A98	6,005,546	12-21-1999	Keene	
	A99	6,008,303	12-21-1999	Barnaby et al.	
	A100	6,018,803	01-25-2000	Kandach	
	A101	6,023,302	02-08-2000	Madhns et al.	
	A102	6,023,738	02-08-2000	Priem et al.	
	A103	6,028,583	02-22-2000	Hamburg	
	A104	6,038,031	03-14-2000	Murphy	
	A105	6,046,740	04-04-2000	LaRoche et al.	
	A106	6,064,676	05-16-2000	Slattery et al.	
	A107	6,076,306	06-20-2000	Microni	
	A108	6,081,854	06-27-2000	Priem et al.	
	A109	6,088,046	07-11-2000	Larson et al.	
	A110	6,088,355	07-11-2000	Mills et al.	
	A111	6,092,124	07-18-2000	Priem et al.	
	A112	6,094,226	07-25-2000	Ke et al.	
	A113	6,098,046	08-01-2000	Cooper et al.	
	A114	6,100,826	08-09-2000	Jeon et al.	
	A115	6,100,899	08-09-2000	Ameline et al.	
	A116	6,105,048	08-15-2000	He	
	A117	6,109,014	08-22-2000	Dye	
	A118	6,111,696	08-29-2000	Slattery et al.	
	A119	6,121,576	09-18-2000	Miler	
MS	A120	6,124,865	09-26-2000	Melnerth et al.	
	A121	6,125,410	09-26-2000	Saibaum et al.	

EXAMINER

DATE CONSIDERED

4/4/07

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 909; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
\*Applicant's unique citation designation number (optional). \*See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

## Complete if Known

Application Number	10/868,702
Filing Date	September 19, 2003
First Named Inventor	Ramanujan Valmiki
Group Art Unit	2621
Examiner Name	Dastouri, Mehrdad
Attorney Docket Number	17440US02

Sheet 4 Of 7

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A122	6,133,901	10-17-2000	Law	
	A123	6,151,030	11-21-2000	DeLeeuw et al.	
	A124	6,151,074	11-21-2000	Werner	
	A125	6,167,415	12-05-2000	Glen	
	A126	6,157,978	12-05-2000	Ng et al.	
	A127	6,160,889	12-12-2000	Hendricks et al.	
	A128	6,167,498	12-26-2000	Larson et al.	
	A129	6,169,843	01-02-2001	Lanham et al.	
	A130	6,184,908	02-06-2001	Chan et al.	
	A131	6,189,064	02-13-2001	Macinnis et al.	
	A132	6,190,131	03-06-2001	Melo et al.	
	A133	6,204,859	03-20-2001	Jouppi et al.	
	A134	6,205,260	03-20-2001	Crison et al.	
	A135	6,205,354	03-27-2001	Porter	
	A136	6,212,590	04-03-2001	Melo et al.	
	A137	6,229,550	05-08-2001	Goudamans et al.	
	A138	6,239,810	05-29-2001	Van Hook et al.	
	A139	6,252,606	06-26-2001	Snyder et al.	
	A140	6,263,019	07-17-2001	Ryan	
	A141	6,263,396	07-17-2001	Cottle et al.	
	A142	6,266,072	07-24-2001	Koga et al.	
	A143	6,268,753	07-24-2001	Hick et al.	
	A144	6,269,107	07-31-2001	Jong	
	A145	6,271,826	08-07-2001	Poi et al.	
	A146	6,311,204	10-30-2001	Mills	
	A147	6,320,619	11-20-2001	Jiang	
	A148	6,326,684	12-04-2001	Chow et al.	
	A149	6,327,000	12-04-2001	Auld et al.	
	A150	6,335,748	01-01-2002	Enokida et al.	
	A151	6,337,703	01-08-2002	Konar et al.	
	A152	6,342,882	01-29-2002	Van Hook et al.	
	A153	6,351,471	02-26-2002	Robnett et al.	
	A154	6,351,474	02-26-2002	Robnett et al.	
	A155	6,362,827	03-26-2002	Ohbe	
	A156	6,380,945	04-30-2002	Macinnis et al.	
	A157	6,411,333	06-25-2002	Auld et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
--------------------	-----------------------	------------------------------------------------------------------------------------------------------------	--------------------------------	----------------------------------------------------	---------------------------------------------------------------------------------	----------------

EXAMINER

DATE CONSIDERED

4/4/07

EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \*Enter Office that issued the document. \*Applicant's unique citation designation number (optional). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. \*Applicant is to place a check mark here if English language translation is attached.

Rev. Sept. 06

I:\OPEN\phs\Broadcom (1772)\Qualcomm\Litigation Statement & IDS Project\San Diego IV Litigation Statement & IDS\IDS & Litigation Statement\Fee\17440US02\17440US02 PTO/SB/08A

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary))		Application Number	10/688,702
		Filing Date	September 19, 2003
		First Named Inventor	Ramanujan Valmiki
		Group Art Unit	2621
		Examiner Name	Dastouri, Mehrdad
Attorney Docket Number	17440US02		
Sheet	5	Of	7

#### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code* Number	Kind Code* (if known)				
WS	B1	EP	0746116 A2	12-04-1996	Hiratsuka		
	B2	EP	0 752 695	01-08-1997	O'Sullivan		
	B3	EP	0840278 A2	05-06-1998	Bembessat		
	B4	EP	0840277 A2	05-06-1998	Chauvel		
	B5	EP	0 840 605	05-06-1998	Chauvel		
WS	B6	GB	2287627 A	03-01-1996	Wong		
	B7	WO	84/10841	05-11-1994	Mical		
	B8	WO	00/28518	05-16-2000	Mednina		

#### OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
WS	C1	Plaintiff and Counterdefendant Qualcomm Incorporated's Preliminary Invalidation Contentions For U.S. Patent 6,601,480 and 6,570,579
	C2	Thomas Porter & Tom Duff, "Compositing Digital Images", Computer Graphics, Vol. 16, No. 3, July 1984, pp. 253-259
	C3	Akeley, K. & Jermoluk T., "High-Performance Polygon Rendering," 22 Computer Graphics No. 4 (ACM August 1988).
	C4	Appar, B., et al., "A Display System for the Stellar Graphics Superconductor Model GS1000," 22 Computer Graphics No. 4 (ACM August 1988).
	C5	Asai, M.D., et al., "Novel Architecture for a High Performance Full Custom Graphics Processor," (IEEE 1989).
	C6	Awaga, M., et al., "3D Graphics Processor Chip Set," (IEEE December 1995).
	C7	Cox, M. & Bhandari, N., "Architectural Implications of Hardware-Accelerated Bucket Rendering on the PC," (Association for Computing Machinery SIGGRAPH/Eurographics Workshop 1997).
	C8	Cyrix Corporation Manual, copyrighted 1996, 1997, and all underlying development work.
	C9	Deering, M., et al., "The Triangle Processor and Normal Vector Shader: A VLSI System for High Performance Graphics," 22 Computer Graphics No. 4 (ACM August 1988).
	C10	Donovan, W., et al., "Pixel Processing in a Memory Controller," (IEEE Computer Graphics and Applications 1995).
	C11	Dutton, T., "The Design of the DEC 3000 Model 600 AXP Workstation," (IEEE 1993).
	C12	Foley, James, D., et al., "Introduction to Computer Graphics," (Addison-Wesley Publishing Co. 1994) ("Introduction to Computer Graphics").
	C13	Galbi, D., et al., "An MPEG-1 Audio/Video Decoder with Run-Length Compressed Antialiased Video Overlays," (1995 IEEE International Solid-State Circuits Conference).
	C14	Glaskowsky, Peter, "Cyrix Creates Ultimate CPU for Games," Microprocessor Report, December 8, 1997.
	C15	Glaskowsky, Peter, "Intel Displays 740 Graphics Chip: Auburn Sets New Standard for Quality - But Not Speed," Microprocessor Report No. 2, February 18, 1998.
	C16	Gwenmap, L., "Verite: A Programmable 3D Chip: Rendition Uses Internal RISC CPU for Versatility, Performance," 10 Microprocessor Report No. 5, May 8, 1998.

EXAMINER 	DATE CONSIDERED 4/4/07
----------------------------------------------------------------------------------------------	------------------------

EXAMINER: Initial if reference considered, whether or not citation is in accordance with MPEP 609; Draw line through citation if not in accordance and not considered. Include copy of this form with next communication to applicant.

\*Applicant's unique citation designation number (optional). \*See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard 87.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard 8: 16 if possible. \*Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 6 Of 7

## Complete If Known

Application Number	10/668,702
Filing Date	September 19, 2003
First Named Inventor	Ramanujan Valmiki
Group Art Unit	2621
Examiner Name	Destouri, Mehrdad
Attorney Docket Number	17440US02

## OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issues number(s), publisher, city and/or country where published

Examiner Initials*	Cite No.	
WJS	C17	Hosotani S., et al., "A Display Processor Conforming to all DTV Formats with 16S-TAP FIR Filters and 264 Kb FIFO Memories," (IEEE 1997 (Manuscript received June 13, 1997)).
	C18	Kritzel, G. & Streiber, W., "VIZARD - Visualization Accelerator for Realtime Display," (Association for Computing Machinery SIGGRAPH/Eurographics Workshop 1997).
	C19	Lewis, R., et al., "Delivering PCI in HP B-Class and C-Class Workstations: A Case Study in the Challenges of Interfacing with Industry Standards," (Hewlett-Packard Journal May 1998).
	C20	Manepally, R. & Sprague, D., "Intel's i750 (R) Video Processor - The Programmable Solution," (IEEE 1991).
	C21	McCormack, J., et al., "Neon: A Single-Chip 3D Workstation Graphics Accelerator," (SIGGRAPH Eurograph Workshop Graph Hardware August 31, - Sept. 1, 1998).
	C22	Norrod, F. & Wawrzyniak, R., "A Multimedia-Enhanced x86 Processor, Digest of Technical Papers," ISSCC86 (February 9, 1986).
	C23	Oguchi, T., et al., "A Single-Chip Graphic Display Controller," (1981 IEEE International Solid-State Circuits Conference).
	C24	Soferman, Z., et al., "Advanced Graphics Behind Medical Virtual Reality: Evolution of Algorithms, Hardware, and Software Interfaces," 86 Proceedings of the IEEE No. 3 (IEEE March 1998 (Manuscript received July 3, 1997)).
	C25	Scott, N., et al., "An Overview of the VISUALIZE 3x Graphics Accelerator Hardware," (Hewlett-Packard Journal May 1998) and all underlying development work ("HP").
	C26	Sunil, M., et al., "A 40-Mpixel/s Bit Block Transfer Graphics Processor," (IEEE 1989).
	C27	Foley, James D., et al., Computer Graphics: Principles and Practice, publication, 1996, 1990; The Systems Programming Series, 4 pages, Second Edition in C; Addison-Wesley Publishing Company, U.S.A.
	C28	Tobias, R., "The LR33020 GraphX Processor: A Single Chip X-Terminal Controller," (IEEE 1982).
	C29	Watkins, J., et al., "A Memory Controller with an Integrated Graphics Processor (IEEE 1993).
	C30	Yao, Yong, "Samsung Launches Media Processor: MSP Is Designed for Microsoft's New 3D-Software Architecture," 10 Microprocessor Report No. 11, August 26, 1998.
	C31	Yao, Yong, "Competition Heats Up In 3D Accelerators: Market Hungers for a Unified Multimedia Platform from Microsoft," 10 Microprocessor Report No. 15, November 15, 1998.
	C32	Yao, Yong, "Chromatic's Mipact 2 Boosts 3D: Mipact/3000 Becomes First Media Processor to Ship in Volume," 10 Microprocessor Report No. 15, November 18, 1998.
	C33	Motorola, Inc. MC82100 "Scorpion" Graphics Display Generator, SDRAM Controller, and Digital Video Encoder, 1997, 8 pages.
	C34	Power TV, Inc., Eagle™ Graphics/Audio Media Composer Data Sheet, Version 1.7, Feb. 27, 1997, pp. 83.
	C35	Bereikovic, M. & Pirsch, P., "Architecture of a Coprocessor Module for Image Compositing," (IEEE 1996).
	C36	Blinn, J., "Compositing, Part I: Theory," (IEEE September 1994).
	C37	Blinn, Jim; Jim Blinn's Corner Dirty Pixels; publication; 1996; pp. 179-190; Chapter Sixteen; Morgan Kaufmann Publishers, Inc.; San Francisco, CA, U.S.A.
	C38	Jaspers, et al., "A Flexible Heterogeneous Video Processor System for Television Applications," (IEEE Sept. 25, 1998).
WJS	C39	Li, R., et al., "A Flexible Display Module for DVD and Set-Top Box Applications," (IEEE Transactions on Consumer Electronics August 1997 (Manuscript received June 13, 1997)).

EXAMINER

DATE CONSIDERED

4/4/07

EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citations if not in conformance and not considered. Include copy of this form with next communication to applicant.  
\*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the documents under WIPO Standard St. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

Rev. Sept. 06

J:\OPEN\pba\Broadcom (1772)\Qualcomm\Litigation Statement & IDS Project\San Diego IV Litigation Statement & IDS\IDS & Litigation Statements\Feb17440US02\17440US02 PTOSB08A

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/886,702
		Filing Date	September 19, 2003
		First Named Inventor	Ramanujan Velmiki
		Group Art Unit	2821
		Examiner Name	Destouri, Mehrdad
Attorney Docket Number	17440US02		
Sheet	7	Of	7

OTHER ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
WS	C40	Ostermann, J., "Coding of Arbitrarily Shaped Objects with Binary and Greyscale Alpha-Maps: What Can MPEG-4 Do for You?", (Proceedings of the 1998 IEEE International Symposium on Circuits and Systems, May 31-June 3, 1998, Vol. 5).
	C41	Stytz, et al., "Three-Dimensional Medical Imaging: Algorithms and Computer Systems," (ACM Computing Surveys, December 1991).
	C42	Wang, J. & Adelson, E., "Representing Moving Images with Layers," (IEEE Transactions on Image Processing, September 1994).
	C43	Sun, Huiting et al., "A New Approach for Memory Efficient ATV Decoding," 1997 IEEE International Conference on Consumer Electronics, pp. 174-175, Los Angeles, 1997.
	C44	Bao, Jay et al., "HDTV Down-Conversion Decoder," IEEE Transactions on Consumer Electronics, pp. 402-410, vol. 42, No. 3, Aug. 1996.
	C45	Mokry, Robert et al., "Minimal Error Drift in Frequency Scalability for Motion-Compensated DCT Coding," IEEE Transactions on Circuits and Systems for Video Technology, pp. 392-406, vol. 4, No. 4, Aug. 1994.
	C46	Vetro, Anthony et al., "Minimum Drift Architectures for 3-Layer Scalable DTV Decoding," IEEE Transactions on Consumer Electronics, pp. 627-636, vol. 44, No. 3, Aug. 1998.
	C47	Lee, Dong-Ho et al., "HDTV Video Decoder Which Can Be Implemented With Low Complexity," IEEE International Conference on Consumer Electronics, pp. 6-7, 1994.
	C48	Sun, Huiting, "Hierarchical Decoder for MPEG Compressed Video Data," IEEE Transactions for Consumer Electronics, pp. 559-564, vol. 39, No. 3, Aug. 1993.
	C49	Yu, Haoping et al., "Block-Based Image Processor for Memory Efficient MPEG Video Decoding," 1999 IEEE International Conference on Consumer Electronics, pp. 114-115, 1999.

EXAMINER	DATE CONSIDERED
	4/4/07

EXAMINER: Initials if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
\*Applicant's unique citation designation number (optional). \*See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Attorney Docket Number</b>	<b>51115/JEJ/B600</b>
	<b>Application Number</b>	To be assigned
	<b>Filing Date</b>	September 19, 2003
	<b>Applicant(s)</b>	Ramanujan K. Valmiki, et al.
	<b>Group Art Unit</b>	To be assigned <i>W Sejong</i>
	<b>Examiner Name</b>	To be assigned <i>W Sejong</i>

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>WS</i>	5,761,516	06/1998	Rostoker et al.	395	733	
<i>WS</i>	5,923,385	07/1999	Mills et al.	348	715	
<i>WS</i>	6,157,415	12/2000	Glen	348	599	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>WS</i>	752695	01/1997	European Patent Office	—	—		
<i>WS</i>	840505	05/1998	European Patent Office	—	—		
<i>WS</i>	WO 00/28518	05/2000	WIPO	—	—		

<b>EXAMINER SIGNATURE</b>	<i>[Signature]</i>	<b>DATE CONSIDERED</b>	<i>4/4/07</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

JEJ/jhg

SD PASS26573.1.\*-09/16/03 1:13 PM



FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Dock t Number	51115/JEJ/B600
<b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	September 19, 2003
	Applicant(s)	Ramanujan K. Valmiki, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
WS	-	4,020,332	04-26-1977	Crochiere et al.
	-	4,679,040	07-07-1987	Yan
	-	5,097,257	03-17-1992	Clough et al.
	-	5,142,273	08-25-1992	Wobermin
	-	5,155,816	10-13-1992	Kohn
	-	5,258,747	11-02-1993	Oda et al.
	-	5,262,854	11-16-1993	Ng
	-	5,307,177	04-26-1994	Shibata et al.
	-	5,384,912	01-24-1995	Ogrinc et al.
	-	5,396,567	03-07-1995	Jass
	-	5,398,211	03-14-1995	Willenz et al.
	-	5,432,900	07-11-1995	Rhodes et al.
	-	5,434,683	07-18-1995	Sekine et al.
	-	5,434,957	07-18-1995	Moller
	-	5,515,077	05-07-1996	Tateyama
	-	5,533,182	07-02-1996	Bates et al.
	-	5,600,364	02-04-1997	Hendricks et al.
	-	5,604,514	02-18-1997	Hancock
	-	5,614,952	03-25-1997	Boyce et al.
	-	5,615,376	03-25-1997	Ranganathan
	-	5,619,337	04-08-1997	Naimpally
	-	5,621,906	04-15-1997	O'Neill et al.
	-	5,635,985	06-03-1997	Boyce et al.
	-	5,638,501	06-10-1997	Gough et al.
	-	5,640,543	06-17-1997	Farrell et al.
	-	5,664,162	09-02-1997	Dye
WS	-	5,696,527	12-09-1997	King et al.

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51115/JEJ/B600
<b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	September 19, 2003
	Applicant(s)	Ramanujan K. Valmiki, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> (if known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
WS	-	5,719,593	02-17-1998	De Lange
	-	5,742,779	04-21-1998	Steele et al.
	-	5,745,095	04-28-1998	Parchem et al.
	-	5,758,177	05-26-1998	Gulick et al.
	-	5,764,238	06-09-1998	Lum et al.
	-	5,790,136	08-04-1998	Hoffert et al.
	-	5,790,795	08-04-1998	Hough
	-	5,790,842	08-04-1998	Charles et al.
	-	5,793,445	08-11-1998	Lum et al.
	-	5,815,137	09-29-1998	Weatherford et al.
	-	5,828,383	10-27-1998	May et al.
	-	5,831,615	11-03-1998	Drews et al.
	-	5,844,608	12-01-1998	Yu et al.
	-	5,864,345	01-26-1999	Wickstrom et al.
	-	5,867,166	02-02-1999	Myhrvold et al.
	-	5,874,967	02-23-1999	West et al.
	-	5,894,300	04-13-1999	Takizawa
	-	5,914,728	06-22-1999	Yamagishi et al.
	-	5,920,572	07-06-1999	Washington et al.
	-	5,923,316	07-13-1999	Kitamura et al.
	-	5,926,647	07-20-1999	Adams et al.
	-	5,949,432	09-07-1999	Gough et al.
	-	5,949,439	09-07-1999	Ben-Yoseph et al.
	-	5,951,664	09-14-1999	Lambrecht et al.
	-	5,956,041	09-21-1999	Koyamada et al.
	-	5,959,626	09-28-1999	Garrison et al.
WS	-	5,959,637	09-28-1999	Mills et al.

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51115/JEJ/B600
<b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	September 19, 2003
	Applicant(s)	Ramanujan K. Valmiki, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No.1	DOCUMENT NUMBER Number - kind code2. (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
WS	.	5,963,201	10-05-1999	McGreggor et al.
	.	5,977,933	11-02-1999	Wicher et al.
	.	5,982,459	11-09-1999	Fandrianto et al.
	.	5,987,555	11-16-1999	Alzien et al.
	.	6,005,546	12-21-1999	Keene
	.	6,006,303	12-21-1999	Barnaby et al.
	.	6,018,803	01-25-2000	Kardach
	.	6,028,583	02-22-2000	Hamburg
	.	6,038,031	03-14-2000	Murphy
	.	6,078,305	06-20-2000	Mizutani
	.	6,088,355	07-11-2000	Mills et al.
	.	6,100,899	08-08-2000	Ameline et al.
	.	6,105,048	08-15-2000	He
	.	6,121,978	09-19-2000	Miler
	.	6,133,901	10-17-2000	Law
	.	6,151,030	11-21-2000	DeLeeuw et al.
	.	6,157,978	12-05-2000	Ng et al.
	.	6,160,989	12-12-2000	Hendricks et al.
	.	US 6,184,908 B1	02-06-2001	Chan et al.
	.	US 6,189,064 B1	02-13-2001	MacInnis et al.
	.	US 6,199,131 B1	03-06-2001	Melo et al.
	.	US 6,204,859 B1	03-20-2001	Jouppi et al.
	.	US 6,205,260 B1	03-20-2001	Crinon et al.
	.	US 6,208,354 B1	03-27-2001	Porter
	.	US 6,212,590 B1	04-03-2001	Melo et al.
	.	US 6,239,810 B1	05-29-2001	Van Hook et al.
WS	.	US 6,252,608 B1	06-26-2001	Snyder et al.

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B		Attorney Docket Number	51115/JEJ/B600
<b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	To be assigned
		Filing Date	September 19, 2003
		Applicant(s)	Ramanujan K. Valmiki, et al.
		Group Art Unit	To be assigned
		Examiner Name	To be assigned


U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
WS	.	US 6,263,396 B1	07-17-2001	Cottle et al.
	.	US 6,269,107 B1	07-31-2001	Jong
	.	US 6,311,204 B1	10-30-2001	Mills
	.	US 6,335,746 B1	01-01-2002	Enokida et al.
PS	.	US 6,337,703 B1	01-08-2002	Konar et al.

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>5</sup> (✓)

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
WS	.	SUN, HUIFANG et al., "A New Approach for Memory Efficient ATV Decoding," 1997 IEEE International Conference on Consumer Electronics, Pages 174-175, Los Angeles, 1997.
	.	BLINN, JIM, "Jim Blinn's Corner: Dirty Pixels," Chapter 16, Pages 179-190; Morgan Kaufman Publishers, Inc., San Francisco, California, 1998.
	.	FOLEY, JAMES D. et al., "Computer Graphics: Principles and Practice," 4 Pages, Second Edition in C, Addison-Wesley Publishing Company, USA, 1996.
WS	.	BAO, JAY et al., "HDTV Down-Conversion Decoder," IEEE Transactions on Consumer Electronics, Pages 402-410, Volume 42, No. 3, August 1996.

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Dock t Number	51115/JEJ/B600
<b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	September 19, 2003
	Applicant(s)	Ramanujan K. Valmiki, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned


OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
WS		MOKRY, ROBERT et al., "Minimal Error Drift in Frequency Scalability for Motion-Compensated DCT Coding," IEEE Transactions on Circuits and Systems for Video Technology, Pages 392-406, Volume 4, No. 4, August 1994.
		VETRO, ANTHONY et al., "Minimum Drift Architectures for 3-Layer Scalable DTV Decoding," IEEE Transactions on Consumer Electronics, Pages 527-536, Volume 44, No. 3, August 1998.
		MOTOROLA, INC., MC92100, "Scorpion" Graphics Display Generator," SDRAM Controller, and Digital Video Encoder, Pages 1-6, 1997.
		POWER TV, INC., "Eagle™ Graphics/Audio Media Compositor Data Sheet," Version 1.7, Pages 1-63, February 27, 1997.
		LEE, DONG-HO et al., "HDTV Video Decoder Which Can Be Implemented With Low Complexity," IEEE International Conference on Consumer Electronics, Pages 6-7, 1994.
WS		SUN, HUIFANG, "Hierarchical Decoder For MPEG Compressed Video Data," IEEE Transactions on Consumer Electronics, Pages 559-564, Volume 39, No. 3, August 1993.
		YU, HAOPING et al., "Block-Based Image Processor for Memory Efficient MPEG Video Decoding," 1999 IEEE International Conference on Consumer Electronics, Pages 114-115, 1999.

EXAMINER SIGNATURE		DATE CONSIDERED	4/4/07
<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="http://www.pto.gov">www.pto.gov</a> or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.</p>			

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
JEJ/tmw


FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51115/JEJ/B600
<b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	September 19, 2003
	Applicant(s)	Ramanujan K. Valmiki, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> - (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
WS	-	4,367,466	01-04-1983	Takeda et al.
	-	4,532,547	07-30-1985	Bennett
	-	4,688,033	08-18-1987	Carini et al.
	-	4,959,718	09-25-1990	Bennett
	-	5,043,714	08-27-1991	Perlman
	-	5,418,535	05-23-1995	Masucci et al.
	-	5,467,144	11-14-1995	Saeger et al.
	-	5,471,411	11-28-1995	Adams et al.
	-	5,546,103	08-13-1996	Rhodes et al.
	-	5,550,594	08-27-1996	Cooper et al.
	-	5,570,296	10-29-1996	Heyl et al.
	-	5,577,187	11-19-1996	Mariani
	-	5,621,869	04-15-1997	Drews
	-	5,638,499	06-10-1997	O'Connor et al.
	-	5,694,143	12-02-1997	Fielder et al.
	-	5,708,764	01-13-1998	Borrel et al.
	-	5,751,979	05-12-1998	McCrory
	-	5,896,136	04-20-1999	Augustine et al.
	-	5,940,089	08-17-1999	Dilliplane et al.
WS	-	5,961,603	10-05-1999	Kunkel et al.

EXAMINER SIGNATURE		DATE CONSIDERED	4/4/07
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.			

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51115/JEJ/B600
<b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	September /9, 2003
	Applicant(s)	Ramanujan K. Valmiki, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
WS	.	5,963,262	10-05-1999	Ke et al.
	.	6,002,411	12-14-1999	Dye
	.	6,046,740	04-04-2000	LaRoche et al.
	.	6,064,676	05-16-2000	Slattery et al.
	.	6,094,226	07-25-2000	Ke et al.
	.	6,098,046	08-01-2000	Cooper et al.
	.	6,111,896	08-29-2000	Slattery et al.
	.	6,151,074	11-21-2000	Werner
	.	US 6,169,843 B1	01-02-2001	Lenihan et al.
	.	US 6,320,619 B1	11-20-2001	Jiang
	.	US 6,326,963 B1	12-04-2001	Meehan
	.	US 6,326,984 B1	12-04-2001	Chow et al.
	.	US 6,327,000 B1	12-04-2001	Auld et al.
	.	US 6,351,471 B1	02-26-2002	Robinett et al.
	.	US 6,351,474 B1	02-26-2002	Robinett et al.
	.	US 6,362,827 B1	03-26-2002	Ohba
	.	US 6,380,945 B1	04-30-2002	MacInnis et al.
	.	US 6,384,840 B1	05-07-2002	Frank et al.
	.	US 6,411,333 B1	06-25-2002	Auld et al.
WS	.	US 6,421,460 B1	07-16-2002	Hamburg

EXAMINER SIGNATURE		DATE CONSIDERED	4/4/07
-----------------------	-------------------------------------------------------------------------------------	--------------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.pto.gov](http://www.pto.gov) or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51115/JEJ/B600
<b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	September 19, 2003
	Applicant(s)	Ramanujan K. Valmiki, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned


U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
WS	-	US 6,426,755 B1	07-30-2002	Deering

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)
WS	-	EP 0840276 A2	05-06-1998	Texas Instruments Incorporated	
	-	EP 0840277 A2	05-06-1998	Texas Instruments Incorporated	
	-	WO 94/10641 A1	05-11-1994	THE 3DO COMPANY	
WS	-	GB 2287627 A	09-20-1995	VTECH Electronics Ltd	

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

JEJ/sd

SD PAS526575.1.\*-09/16/03 1:15 PM

EXAMINER SIGNATURE	DATE CONSIDERED
	4/4/07

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.pto.gov](http://www.pto.gov) or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.


Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51115/JEJ/B600
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	September 19, 2003
	Applicant(s)	Ramanujan K. Valmiki, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> . (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
NS	.	5,907,635	05-25-1999	Numata
	.	5,914,725	06-22-1999	MacInnis et al.
	.	5,982,425	11-09-1999	Allen et al.
	.	6,061,094	05-09-2000	Maietta
	.	6,115,422	09-05-2000	Anderson et al.
	.	US 6,275,507 B1	08-14-2001	Anderson et al.
	.	US 6,281,873 B1	08-28-2001	Oakley
NS	.	US 6,353,460 B1	03-05-2002	Sokawa et al.

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)

EXAMINER SIGNATURE		DATE CONSIDERED 4/4/07
-----------------------	-------------------------------------------------------------------------------------	---------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

JEJ/sd

SD PASS26576.1.\*-09/16/03 1:17 PM

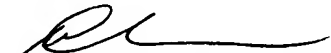
FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51115/JEJ/B600
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	September 19, 2003
	Applicant(s)	Ramanujan K. Valmiki, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
WS	.	5,371,877	12-06-1994	Drako et al.
	.	5,422,858	06-06-1995	Mizukami et al.
	.	5,469,223	11-21-1995	Kimura
	.	5,610,983	03-11-1997	Stewart
	.	5,619,270	04-08-1997	Demmer
	.	5,621,478	04-15-1997	Demmer
	.	5,706,482	01-06-1998	Matsushima et al.
	.	5,793,384	08-11-1998	Okitsu
	.	5,802,579	09-01-1998	Crary
	.	5,854,761	12-29-1998	Patel et al.
	.	5,889,949	03-30-1999	Charles
	.	5,903,281	05-11-1999	Chen et al.
	.	5,907,295	05-25-1999	Lin
	.	5,948,082	09-07-1999	Ichikawa
	.	5,953,691	09-14-1999	Mills
	.	5,982,305	11-09-1999	Taylor
	.	6,134,378	10-17-2000	Abe et al.
	.	6,144,392	11-07-2000	Rogers
	.	US 6,178,486 B1	01-23-2001	Gill et al.
	.	US 6,189,073 B1	02-13-2001	Pawlowski
	.	US 6,208,671 B1	03-27-2001	Paulos et al.
	.	US 6,215,703 B1	04-10-2001	Bogin et al.
	.	US 6,226,794 B1	05-01-2001	Anderson, Jr. et al.
	.	US 6,339,434 B1	01-15-2002	West et al.
	.	US 6,374,244 B1	04-16-2002	Shibata
	.	US 6,408,436 B1	06-18-2002	de Haas
WS	.	US 6,466,624 B1	10-15-2002	Fogg

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51115/JEJ/B600
<b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	September 19, 2003
	Applicant(s)	Ramanujan K. Valmiki, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
WS	.	5,592,601	01-07-1997	Kelley et al.
	.	5,598,525	01-28-1997	Nally et al.
	.	6,061,402	05-09-2000	Boyce et al.
	.	6,067,322	05-23-2000	Wang
	.	6,144,392	11-07-2000	Rogers
WS	.	US 6,496,186 B1	12-17-2002	Deering

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)

EXAMINER SIGNATURE		DATE CONSIDERED	4/4/07
-----------------------	-------------------------------------------------------------------------------------	--------------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.pto.gov](http://www.pto.gov) or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

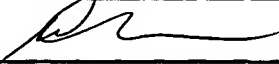
JEJ/sd

SD PAS485567.1.-9/18/03 11:49 AM

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51115/JEJ/B600
<b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	September 19, 2003
	Applicant(s)	Ramanujan K. Valmiki, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

b.U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
WS		5,148,417	09-1992	Wong et al.
		5,432,769	07-1995	Honjo, Masahiro
		5,488,385	01-1996	Singhal et al.
		5,526,054	06-1996	Greenfield et al.
		5,539,891	07-1996	Childers et al.
		5,598,545	01-1997	Childers et al.
		5,623,311	04-22-1997	Phillips et al.
		5,625,611	04-1997	Yokota et al.
		5,765,010	06-1998	Chung et al.
		6,006,286	12-1999	Baker et al.
		6,023,302	02-2000	MacInnis et al.
		6,100,826	08-2000	Jeon et al.
		6,229,550	05-2001	Gloude-mans et al.
		6,263,019	07-2001	Yokota et al.
		US 6,434,319 B1	08-13-2002	Wine
		6,538,656	03-2003	Cheung et al.
WS		6,573,905	06-2003	MacInnis et al.

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)
WS		EP 0746116 A2	12-1996	Hiratsuka et al.	

EXAMINER SIGNATURE		DATE CONSIDERED	4/4/07
--------------------	-------------------------------------------------------------------------------------	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE